

# Technical Service Bulletin



## 97 Sporadic DTCs - contact check

97 15 48 2013504/8 May 29, 2015. Supersedes Technical Service Bulletin Group 97 number 10-15 dated October 20, 2010 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	2000 - 2017	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
8	-	Revised header data (Added model years)
7	10/20/2010	Revised header data (Added model year)
6	6/30/2010	Revised header data (Specified 2011 models)

Sporadic fault memory entries are stored in various control modules.

## Technical Background

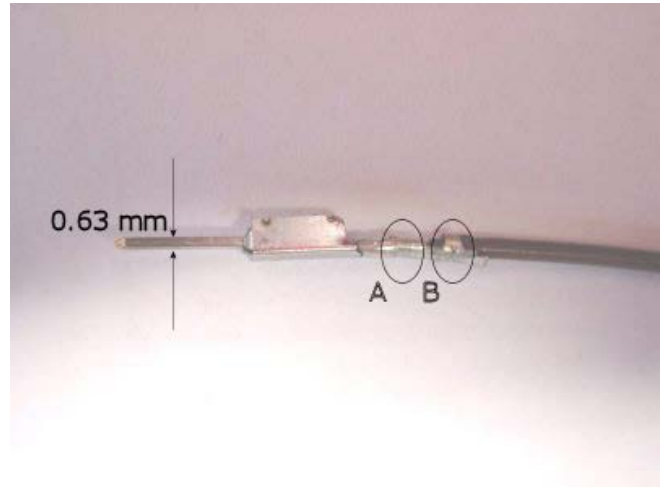
Contacts may be widened (over 0.63 mm) if incorrect pins or incorrect methods for current flow tests are used. Either action may cause intermittent electrical connections, which can cause sporadic DTCs to be stored in various control modules.

## Production Solution

Not applicable.

## Service

1. Check the contacts on the control module and connector:
  - Verify that all pins and terminals are securely clipped into the connectors.
  - Verify that no pins are deformed.
  - Verify proper crimping:
    - Pin/terminal must be crimped onto the wire (Figure 1, A).
    - Pin/terminal must be crimped onto the wire sheathing (Figure 1, B).



**Figure 1.** The male pin must be 0.63 mm in width. The pin and terminal must be crimped onto the wire (A) and crimped again onto the wire sheathing (B).

2. Mechanically check the contacts on the control module and connector:
  - Test the individual terminals by using the standard 0.63 mm male pin to verify proper contact.
  - Ensure that the test pin is not twisted and is inserted correctly into the female terminal. The contact must be tight, but still allow the pin to slide into the terminal of the control module connector.
  - Only use the 0.63 mm male pins because the female terminals are designed for these pins.
3. If the pin/terminal is deformed, improperly crimped, or does not contact correctly, the contact must be replaced (with the **VAS 1978B** repair kit or ordered in sets).

## Warranty

This TSB is informational only and not applicable to any Audi warranty.

## Required Parts and Tools

Part Number	Part Description	Quantity
000979007	Male Pin	1*
000979012	Male Pin	1*
000979409	Male Pin	1**

\* An order of 1 will provide a bag of 5 wires with like connectors on each end

\*\* An order of 1 will provide a bag of 3 wires with like connectors on each end

## Additional Information

All parts and service references provided in this TSB (2013504) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.